IN THE CLAIMS

Claims 1-3. Previously Cancelled

Claim 4. (Currently Amended) A catalyst system for polymerizing ethylene alone or in combination with one or more olefin(s), comprising a cyclic germanium bridged bulky ligand metallocene-type catalyst compound and an activator, wherein the cyclic germanium bridged bulky ligand metallocene-type catalyst compound is represented by the formula:

$$L^A(R'GeR')_xL^BMQ_n \qquad (I)$$

where M is a Group 3 to 7 transition metal, each of L^A and L^B is an unsubstituted or substituted, cyclopentadienyl ligand or cyclopentadienyl-type bulky ligand bonded to M; $(R'GeR')_x$ is a cyclic bridging group bridging L^A and L^B, and the two R''s are joined to form a cyclic ring or ring system with Ge; independently, each Q is a monoanionic ligand, or optionally two Q's together form a divalent anionic chelating ligand; and where n is 0, 1 or 2 depending on the formal oxidation state of M, and x is an integer from 1 to 4 and wherein the catalyst system is supported.

Claim 5. (Original) The catalyst system of claim 4 wherein one of L^A or L^B is a substituted cyclopentadienyl or a substituted cyclopentadienyl-type bulky ligand.

Claim 6. Previously Cancelled

Claim 7. (Original) The catalyst system of claim 4 wherein x is 1.

Claim 8. (Currently Amended) The catalyst system of claim 4 wherein the cyclic germanium bridged bulky ligand metallocene-type catalyst compound is represented by the formula:

$$L^A(R'GeR')_xL^BMQ_n \qquad (I)$$

where M is a Group 4, 5, 6 transition metal, L^A and L^B are bonded to M and are different, L^A and L^B are selected from the group consisting of unsubstituted or

substituted, cyclopentadienyl ligands or unsubstituted or substituted, cyclopentadienyl-type bulky ligand; $(R'GeR')_x$ is a cyclic bridging group bridging L^A and L^B, and the two R"s are joined to form a cyclic ring or ring system with Ge; independently, each Q is a monoanionic ligand, or optionally two Q's together form a divalent anionic chelating ligand; and where n is 0, 1 or 2 depending on the formal oxidation state of M, and x is an integer from 1 to 4.

Claim 9. (Original) The catalyst system of claim 8 where x is 1.

Claim 10. (Original) The catalyst system of claim 8 wherein L^A and L^B are substituted or unsubstituted cyclopentadienyl rings.

Claim 11. (Original) The catalyst system of claim 8 wherein a least one of L^A and L^B is a cyclopentadienyl ring.

Claim 12. (Original) The catalyst system of claim 8 wherein L^A is a substituted cyclopentadienyl ring.

Claim 13. (Previously Amended) The catalyst system of claims 4 or 8 where the cyclic germanium bridged bulky ligand metallocene-type catalyst compound is selected from one of the group consisting of cyclotrimethylenegermyl(tetramethyl cyclopentadienyl) (cyclopentadienyl) zirconium dichloride, cyclotetramethylenegermyl (tetramethyl cyclopentadienyl) (cyclopentadienyl) zirconium dichloride, cyclotrimethylenegermyl(tetramethyl cyclopentadienyl) (2-methyl indenyl) zirconium dichloride, cyclotrimethylenegermyl(tetramethyl cyclopentadienyl) (3-methyl cyclopentadienyl) zirconium dichloride, cyclotrimethylenegermyl (tetramethyl cyclopentadienyl) (2,3,5-trimethyl cyclopentadienyl) zirconium dichloride, cyclotrimethylenegermyl bis(tetra methyl cyclopentadienyl) zirconium dichloride, cyclotetramethylenegermyl(tetramethyl cyclopentadienyl) (3-methyl cyclopentadienyl) zirconium dichloride, cyclotetramethylenegermyl bis(tetra methyl cyclopentadienyl) zirconium dichloride, 3,4-dimethylcyclotetra-methyl-3-enegermyl(tetramethyl cyclopentadienyl) (cyclopentadienyl) zirconium dichloride, 3,4-

dimethylcyclotetramethyl-3-enegermylbis(tetramethyl cyclopentadienyl) zirconium dichloride, 3,4-dimethylcyclotetramethyl-3-enegermyl(tetramethyl cyclopentadienyl) (2,3,5-trimethyl cyclopentadienyl) zirconium dichloride, 3-methylcyclotetramethyl-3-enegermyl bis(tetra methyl cyclopentadienyl) zirconium dichloride, 3-methylcyclotetramethyl-3-enegermyl (tetra methyl cyclopentadienyl) (cyclopentadienyl) zirconium dichloride, 3-methylcyclotetramethyl-3-enegermyl (tetra methyl cyclopentadienyl) (3-methylcyclopentadienyl) zirconium dichloride, o-xylidenegermyl bis(tetra methyl cyclopentadienyl) zirconium dichloride, o-xylidenegermyl(tetramethyl cyclopentadienyl) (cyclopentadienyl) zirconium dichloride, and o-xylidenegermyl(tetramethyl cyclopentadienyl) (3-methylcyclopentadienyl) zirconium dichloride.

Claims 14. – 39. Cancelled

Claim 40. (Previously Added) The catalyst system of claim 4 wherein the bulky ligands are differently substituted.